## **EAST Search History**

## EAST Search History (Prior Art)

Ref	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
.1	626	(372/50.11).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 15:55
2	1498	(372/50.1).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 15:55
3	573	(372/50.11).ccls. NOT L2	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 15:55
5	21	("3962597" "6185240" "6501778" "6960791" "20030122139" "20030035457" "20040183178" "20050056773" "20050238076" "20060023762").pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 16:27
6	2	"20060223011".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 16:27
7	2	"US 20070258500"	US-PGPUB; USPAT; USOCR; DERWENT	OR	ON	2008/06/27 10:33
2	39	(((TONY) near2 (ALBRECHT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/27 10:33
3	44	((TONY) near2 (ALBRECHT)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/27 10:53

S4	19	((PETER) near2 (BRICK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/27 11:00
 35	28	((PETER) near2 (BRICK)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/27 11:02
 36	1	((MARC) near2 (PHILLIPPENS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/27 11:04
57	0	((MARC) near2 (PHILLIPPENS)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/27 11:06
 38	7	((GLENN-YVES) near2 (PLAINE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/27 11:06
39	6	((GLENN-YVES) near2 (PLAINE)).INV.	EPO; JPO; DERWENT	OR	ON	2008/06/27 11:07
310	9839	VCSEL	US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 11:07
512	8346	VCSEL and (vertical with cavity)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 11:07
:14	61668	ESD or ((electrostatic\$ or electro-static\$ or (electro adj static\$)) with (discharge or discharging or discharged))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 11:08
S15	129	S10 and S14	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 11:09
S18	286	VCSEL with (monolithic\$ or integrat\$) with (ESD or diode or (electrostatic or electro-static))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 13:19

S19	272	VCSEL with (monolithic\$ or integrat\$) with (ESD or diode or (electrostatic or electro-static)) NOT \$15	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 13:20
22	8	"4365226".pn. or "5757590".pn. or "6185240".pn. or "20040012458".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 14:18
24	6	"20050271107".pn. or "5528064".pn. or "5132982".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 14:21
25	2	**5577064*.pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 14:24
30	3	10/951,525	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/27 14:31
34	1	7305018".pn.	USPAT; USOCR	OR	ON	2008/06/27 14:39
38	2	JP with ("10200159")	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:16
39	2	JP with "09027651"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:16
¥40	3	JP with "57093591"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:17

S41	2	JP with "09027657"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:18
S42	2	JP with "2000312033"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:24
S44	2	JP with "59019389"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 15:25
S45	4	"6794715".pn. "6762918".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/27 17:27
S46	826028	diode	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:56
S47	9868	VCSEL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:56
S48	6042	S46 and S47	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:56
S49	129522	(integrated or integral or monolithic or monolithically) same (diode or junction or PN)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:58

S50	1891	S47 and S49	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 12:58
S51	132817	(monolithic or monolithically)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 13:53
S52	171	(monolithic or mono-lithic or monolithically) with (integrated or integration) with VCSEL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 15:08
S53	6	"6054716".pn. "6593597".pn. "20070258500".pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 15:18
S54	61792	ESD or ((electrostatic\$ or electro-static\$ or (electro adj static\$)) with (discharge or discharging or discharged))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03
S55	371	(VCSEL or LED) and S51 and S54	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 15:32
S58	3	"57093591" with JP	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/03 16:48
S67	535	(257/E27.12).cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 08:55

<b>S68</b>	17	(257/E27.12).ccls. and ESD	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/07/07 08:56
S69	46	((TONY) near2 (ALBRECHT)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 07:30
S70	45	((TONY) near2 (ALBRECHT)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 07:30
S71	30	((PETER) near2 (BRICK)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 07:30
S72	29	((PETER) near2 (BRICK)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 07:30
S73	1	((MARC) near2 (PHILLIPPENS)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 07:30
S74	0	((MARC) near2 (PHILLIPPENS)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 07:30
S75	8	((GLENN-YVES) near2 (PLAINE)).INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/11/05 07:30
S76	6	((GLENN-YVES) near2 (PLAINE)).INV.	EPO; JPO; DERWENT	OR	ON	2009/11/05 07:30
<b>S</b> 77	119	(S69 S70 S71 S72 S73 S74 S75 S76)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:30
S78	478063	ESD or ((electrostatic\$ or electro-static\$ or (electro adj static\$)))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:31
S79	11718	VCSEL	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:31
S80	1098	S79 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:31

S81	1003128	VCSEL LED	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:32
S82	45883	S81 and S78	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 07:32
S83	541295	"257".clas. "438".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 08:05
S84	2689	S82 and S83 NOT S80	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 08:05
S85	1597	S82 and S83 NOT S80 and (monolithic integrated)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 08:06
S86	1092	S82 and S83 NOT S80 NOT S85	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 08:06
S87	2552	(372/50.1,50.11,50.12,50.22).cds.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 12:44
S88	69300	ESD or ((electrostatic\$ or electro-static\$ or (electro adj static\$)) with (discharge or discharging or discharged))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 12:44

S90	3211	(372/50.1,50.11,50.12,50.121,50.122,50.123,50.124,50.21,50.22,50.23).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 13:01
S91	31	S88 and S90	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05 13:01
S92	1498	(372/50.1).ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/11/05

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